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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/037,107	12/29/2001	Svend Frolund	10006790-1	5957

7590 03/25/2005

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EXAMINER

NGUYEN, VAN H

ART UNIT	PAPER NUMBER
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2194

DATE MAILED: 03/25/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

10/037,107

Applicant(s)

FROLUND ET AL.

Examiner

VAN H NGUYEN

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 29 December 2001.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 29 December 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

### **DETAILED ACTION**

1. This Office Action is in response to the application filed on December 29, 2001.
2. Claims 1-20 are presented for examination.

#### ***Specification***

3. The disclosure is objected to because of the following informalities:

“bBy invoking” (page 4, line 21) should read “By invoking”

Appropriate correction is required.

#### ***Claim Objections***

4. Claims 4, 5, and 13-15 are objected to because of the following informalities:

“purity” (claim 4, line 6; claim 5, lines 2 and 5; claim 14, line 6; and claim 15, line 2)  
should read “plurality”

“inteacting” (claim 13, line 5) should read “interacting ”

Appropriate correction is required.

***Claim Rejections - 35 USC § 102***

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

6. Claims 1-20 are rejected under 35 U.S.C. 102(e) as being anticipated by **Barry et al.** (US 6,615,258 B1).

7. As to claim 11, Barry teaches the invention as claimed including a software system (*e.g., the WRS reporting system; col.21, lines 31-32*) comprising:

an application (*e.g., a report requester client application 212; col.21, lines 35-36*);

a sub-system (*e.g., back-end application servers; col.21, lines 26-31*) for having an interaction (*e.g., generating data and account information in the form of reports and sending them to customers; col.21, lines 26-31*) with the application; and

an interceptor system (*e.g., the report manager server 250; col.21, line 50*) including:

a proxy (*e.g., the proxy; col.28, lines 49-52*) having an interaction (*e.g., waits for request from an application and then services the request; col.28, lines 49-52*) with the application;

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- a customization module (*e.g., application proxy components; col.21, line 26*) providing a customization (*e.g., customize; col.21, lines 26-27*) and having an interaction (*e.g., request, specify, schedule, and receive; col.21, lines 27-31*) with the proxy; and a dispatcher (*e.g., the report scheduler server component 260; col.22, lines 45-47*) having an interaction with the customization module and having an interaction with the sub-system (*e.g., interfaces directly with the report manager server 250 to coordinate report request scheduling and processing; col.22, lines 45-47*).
8. As to claim 12, Barry teaches a control for causing the proxy of the interceptor system to interact with the application and the dispatcher of the interceptor system interact with the sub-system (*e.g., the customer interface system is an application backplane unit for controlling and managing the overall user interface system to a number of Web enabled application services; col.3, lines 54-67*).
9. As to claim 13, Barry teaches a plurality of customization modules (*e.g., customization options; col.21, lines 54-55*); and a customization developer system (*col.21, lines 50-55*) for providing customizations to one of the plurality of customization modules while another of the plurality of customization modules is interacting with the proxy and the dispatcher (*col.22, lines 45-47*).
10. As to claim 14, Barry teaches a plurality of customization modules (*col.21, lines 54-55*), each of the plurality of customization modules having a different customization; and wherein: the proxy includes a customization control for controlling the interaction of the plurality of customization modules with the proxy (*col.3, lines 54-67*).
11. As to claim 15, Barry teaches a plurality of sub-systems (*e.g., 212, 215, 210, 250, 260;*

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*fig.10*); a plurality of customization modules (*col.21, lines 54-55*), each of the plurality of subsystems having one of the plurality of customization modules having a different function (*col.21, lines 24-31*); and a customization control for controlling the interaction of the plurality of sub-systems with the dispatcher connected to a group consisting of the application (*col.21, lines 35-36*), the proxy (*col.28, lines 50-52*), the dispatcher (*col.22, lines 45-47*), and a combination thereof.

12. As to claim 16, Barry teaches (*col.21, lines 24-31*) a service (*e.g., request...account information*); a client (*e.g., a client*); and wherein: the interceptor system is in the client and is responsive to the service (*col.21, lines 24-31*).

13. As to claim 17, Barry teaches the customization module is for customization of a non-functional property (*e.g., customizing data and account information; col.21, lines 27-31*) of the software system.

14. As to claim 18, Barry teaches the customization module is selected from, among other things, a group consisting of performance related module (*col.21, lines 6-13*).

15. As to claim 19, the rejection of claim 11 above is incorporated herein in full.

Additionally, Barry further teaches a customization control for controlling the interaction of the customization module with the proxy (*e.g., the customer interface system is an application backplane unit for controlling and managing the overall user interface system to a number of Web enabled application services; col.3, lines 54-67 and col.10, lines 40-51*); a non-functional property (*e.g., data and account information; col.21, lines 27-31*) of the software system.

16. As to claim 20, the rejection of claim 11 above is incorporated herein in full.

Additionally, Barry further teaches a plurality of sub-systems (*e.g., 212, 215, 210, 250, 260*;

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*fig.10*), a customization control for controlling the interaction of the customization module with the proxy (*e.g., the customer interface system is an application backplane unit for controlling and managing the overall user interface system to a number of Web enabled application services; col.3, lines 54-67 and col.10, lines 40-51*), and a plurality of non-functional properties (*e.g., data and account information; col.21, lines 27-31*).

17. As to claim 1, the rejection of claim 11 above is incorporated herein in full. Additionally, Barry further teaches:

a customization repository for containing the customization module (*e.g., a database 258; col.22, lines 33-37 and fig.10*);

a service having an interaction with the customization repository (*e.g., report manager server 250; col.21, lines 50-58 and fig.10*);

a client having an interaction with the service (*e.g., a report requester client application 212; col.21, lines 25-42 and fig.10*); and

a control having an interaction with the customization repository and the service for causing customization of the service and the client by disposing the proxy of the interceptor system to interact with the application and the dispatcher of the interceptor system to interact with the sub-system (*col.3, lines 54-67 and col.10, lines 40-51*).

18. As to claim 2, Barry teaches the client has an interaction (*col.21, lines 25-43*) with the customization repository, the client responsive to the control through the service for causing customization of the service and the client by disposing the proxy of the interceptor system to interact with the application and the dispatcher of the interceptor system to interact with the sub-system (*col.21, line 66-col.7, line 8*).

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19. As to claim 3, Barry teaches a customization developer system (*col.21, lines 50-55*) having an interaction with the customization repository for providing customizations thereto while the service is interacting with the client (*col.22, lines 45-47*).

20. As to claims 4-8, they include the same limitations as claims 14-18, and are similarly rejected under the same rationale.

21. As to claim 9, the rejections of claims 1 and 11 above are incorporated herein in full. Additionally, Barry further teaches a customization control for controlling the interaction of the customization module with the proxy (*col.28, lines 46-52 and fig.10*), and a non-functional property (*e.g., data and account information; col.21, lines 27-31*) of the computer system and having an interaction with the proxy.

22. As to claim 10, the rejections of claims 1 and 11 above are incorporated herein in full. Additionally, Barry further teaches a plurality of sub-systems (*e.g., 212, 215, 210, 250, 260; fig.10*), a plurality of clients (*e.g., customers; col.21, line 28*), and a control having an interaction with the customization repository and the service for causing customization of the service and the plurality of clients by disposing the proxy of the interceptor system to interact with the application and the dispatcher of the interceptor system selectively interact with the plurality of sub-systems (*col.3, lines 54-67 and col.10, lines 40-51*).

### ***Conclusion***

23. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.



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- Devine et al. (US 6606708) teaches "Secure server architecture for Web based data management."

- Hughes (US 6345382) teaches "Run-time customization in object-oriented design."

- Ahuja et al. (US 6175869) teaches "Client-side techniques for web server allocation."

- Horowitz et al. (US 6349290) teaches "Automated system and method for customized and personalized presentation of products and services of a financial institution."

24. Any inquiry or a general nature or relating to the status of this application should be directed to the TC 2100 Group receptionist: (571) 272-2100.

25. Any inquiry concerning this communication or earlier communications from the examiner should be directed to VAN H. NGUYEN whose telephone number is (571) 272-3765. The examiner can normally be reached on Monday-Thursday from 8:30AM - 6:00PM. The examiner can also be reached on alternative Friday.

26. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Meng-Ai An can be reached on (571) 272-3756.

27. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

28. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR

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system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

**Any response to this action should be mailed to:**

Commissioner for patents

P O Box 1450

Alexandria, VA 22313-1450

A handwritten signature in cursive script, reading "Van H. Nguyen".

Van H. Nguyen